

FIG. -1-

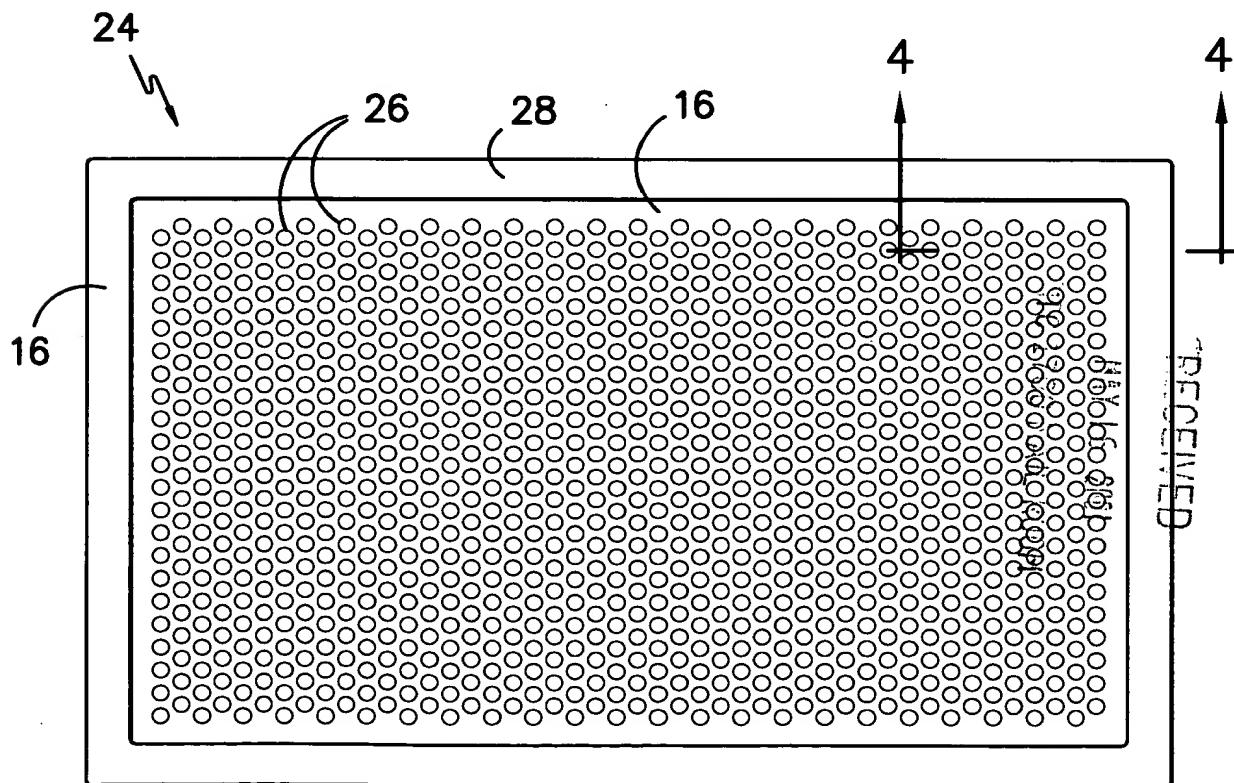


FIG. -2-

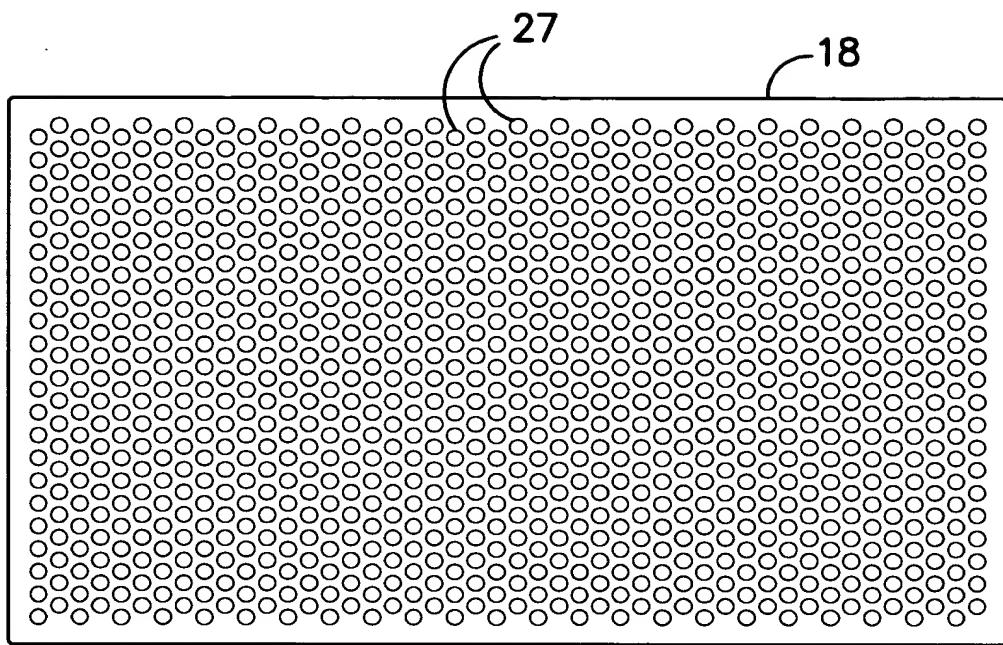


FIG. -3-

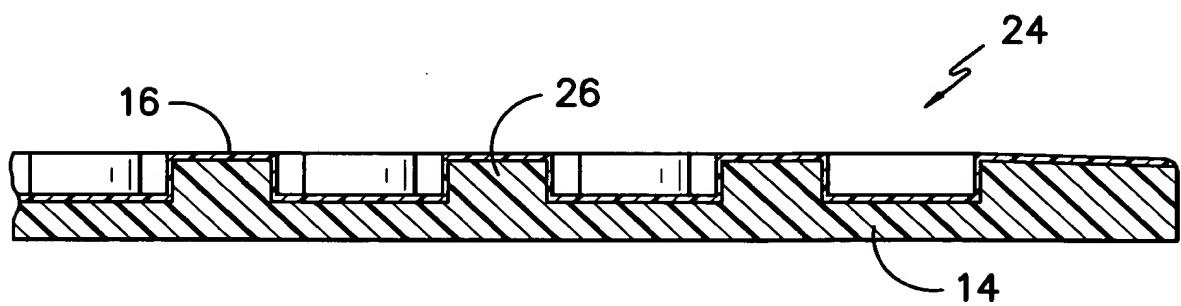


FIG. -4-

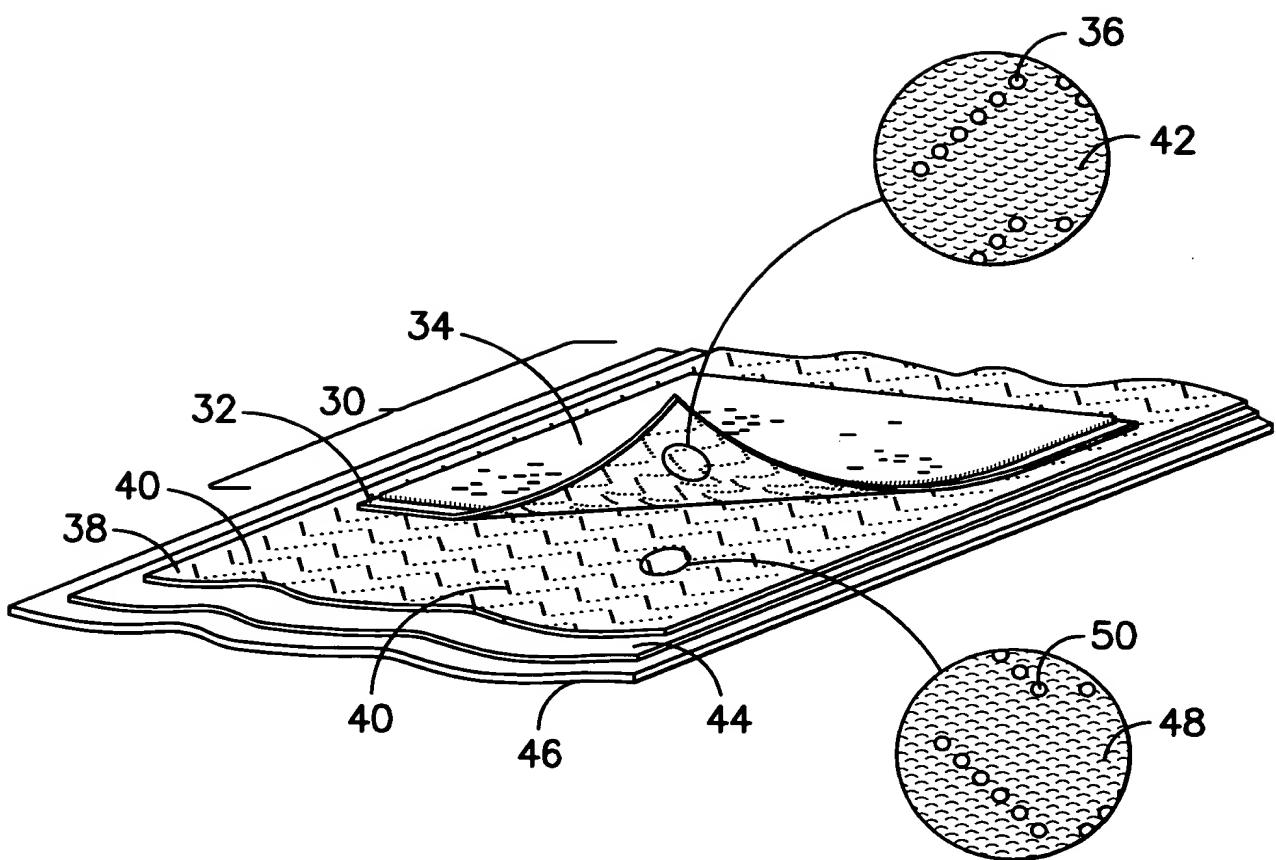


FIG. -5-

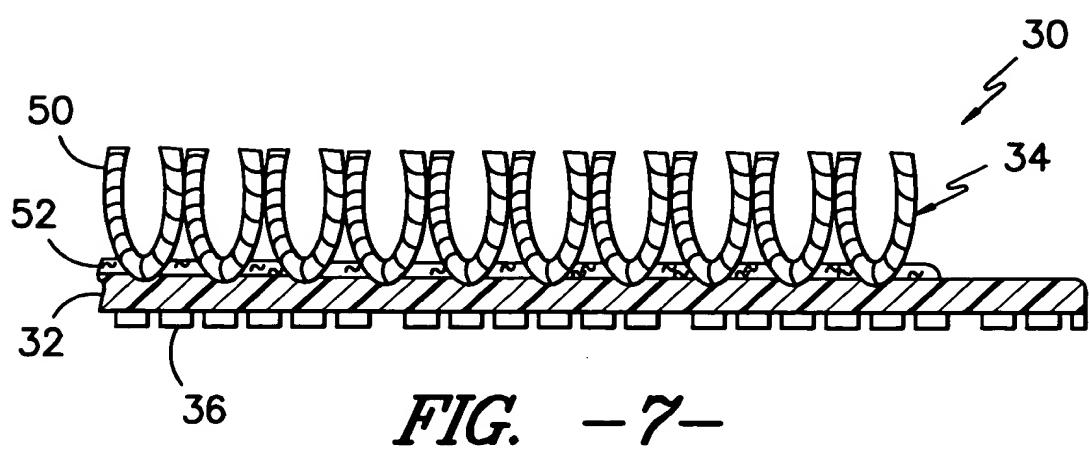
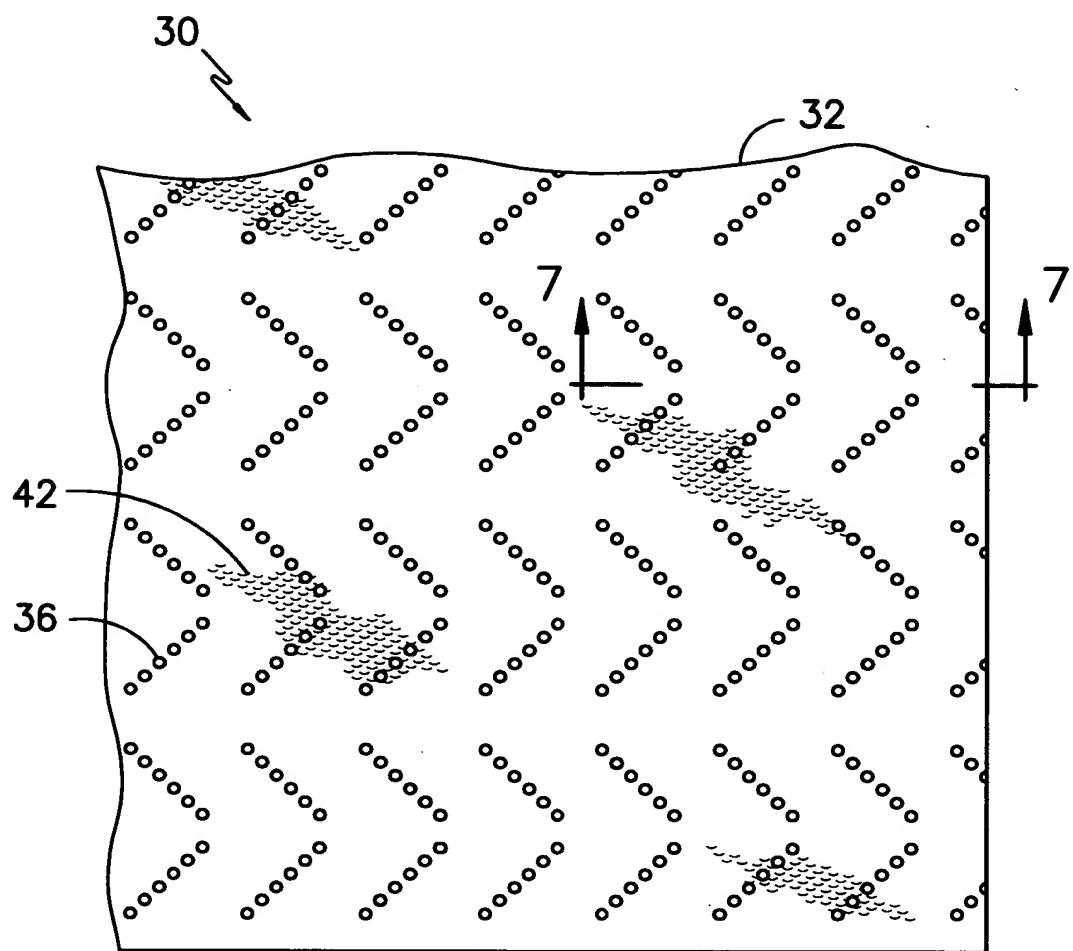


FIG. -8-

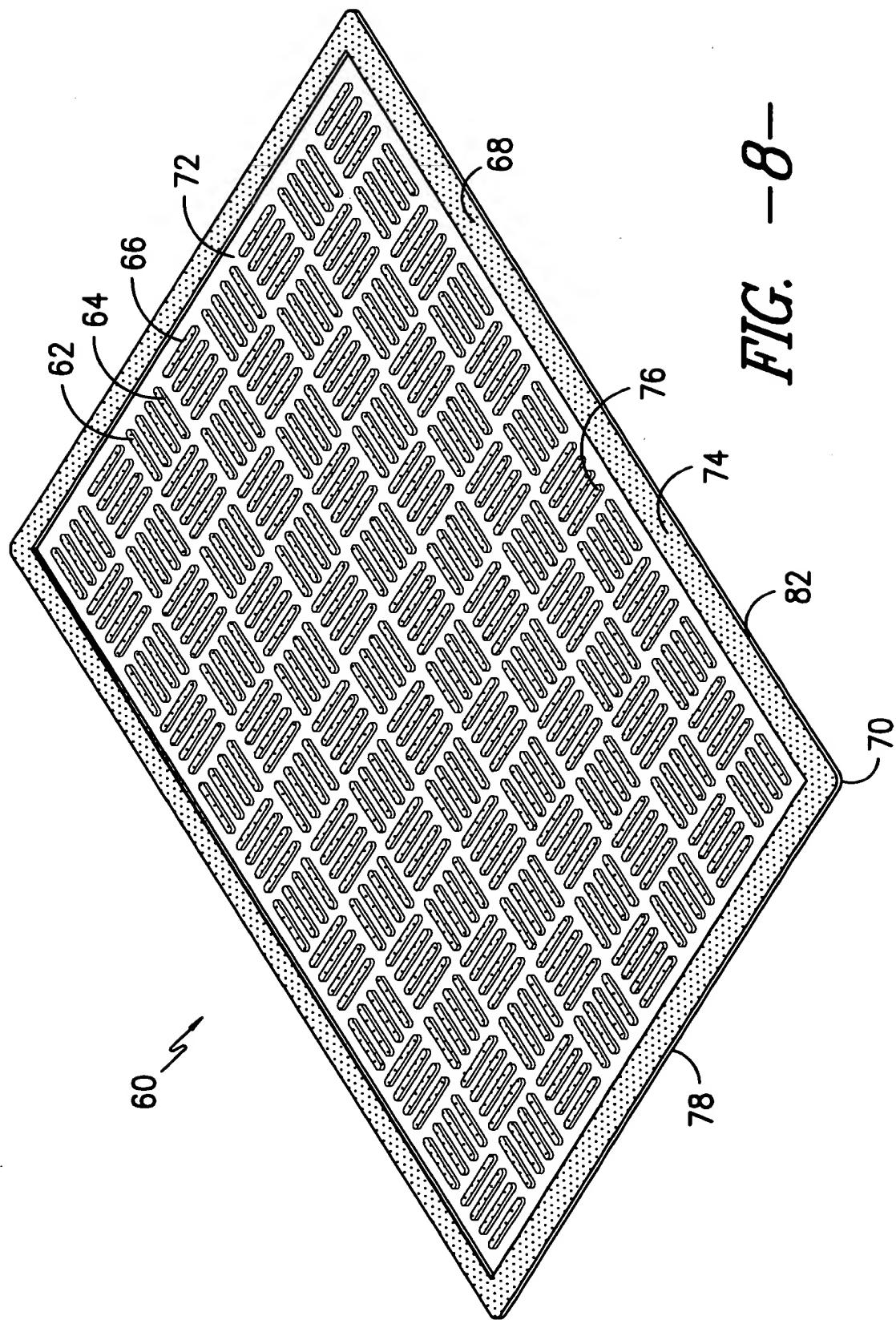


FIG. -9-

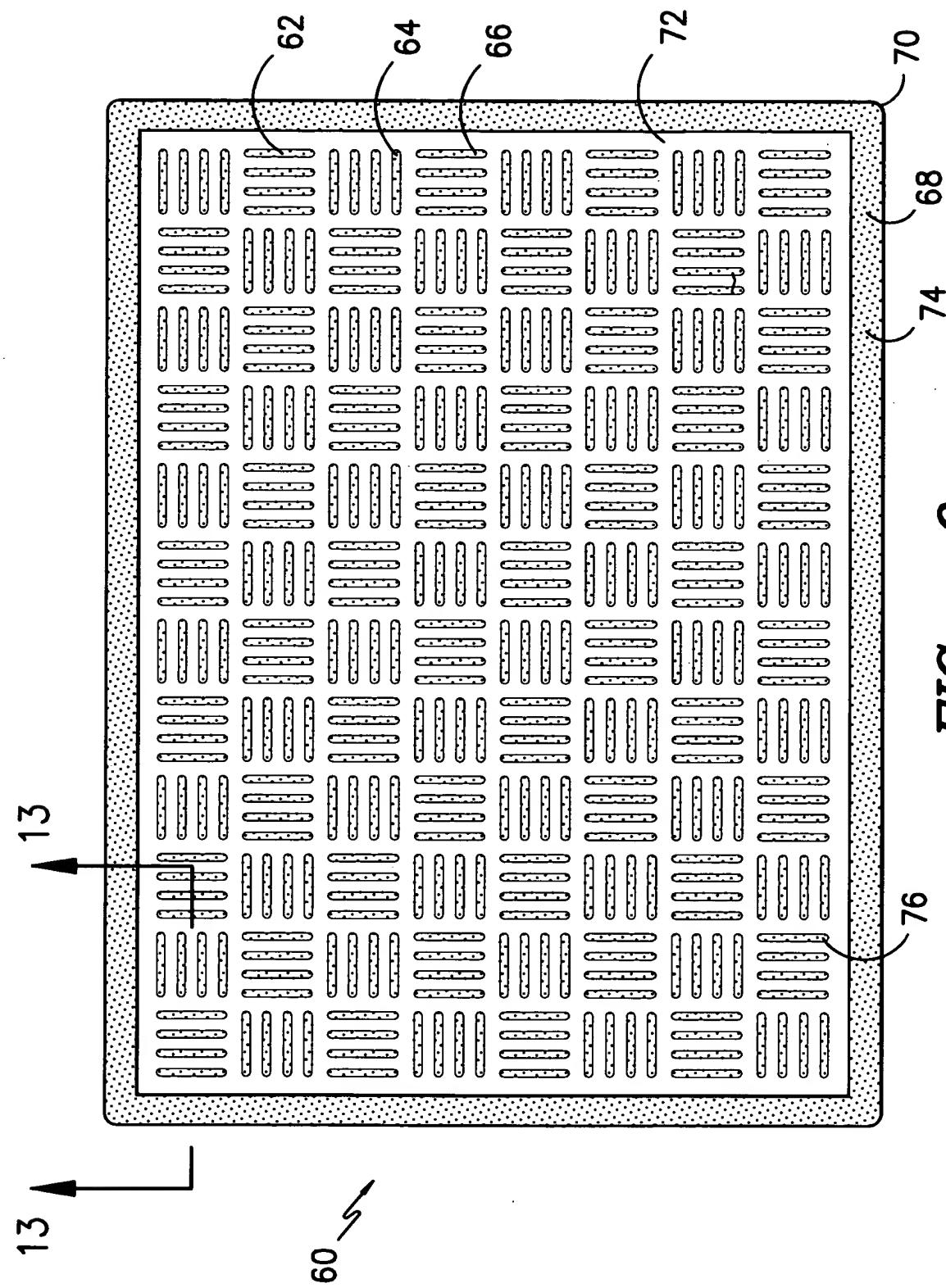
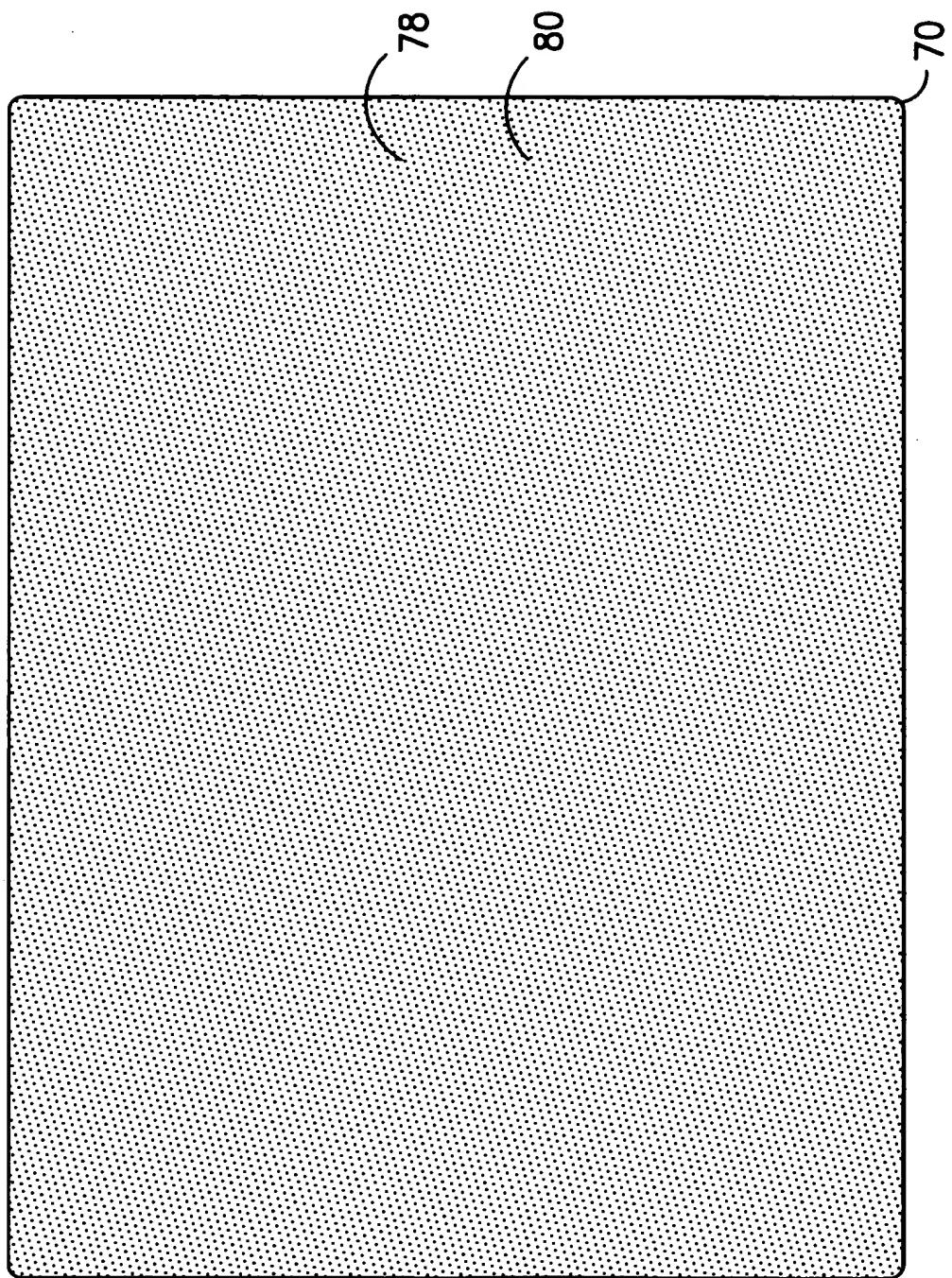


FIG. -10-



60 ↘

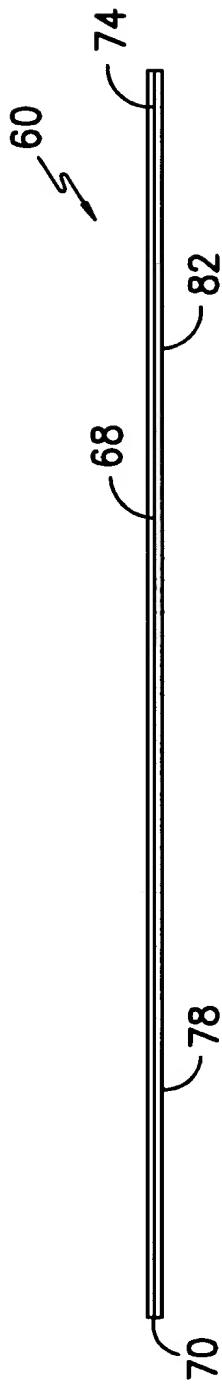


FIG. -11-

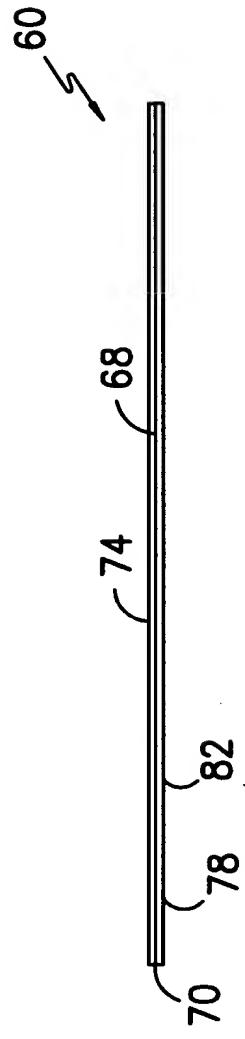


FIG. -12-

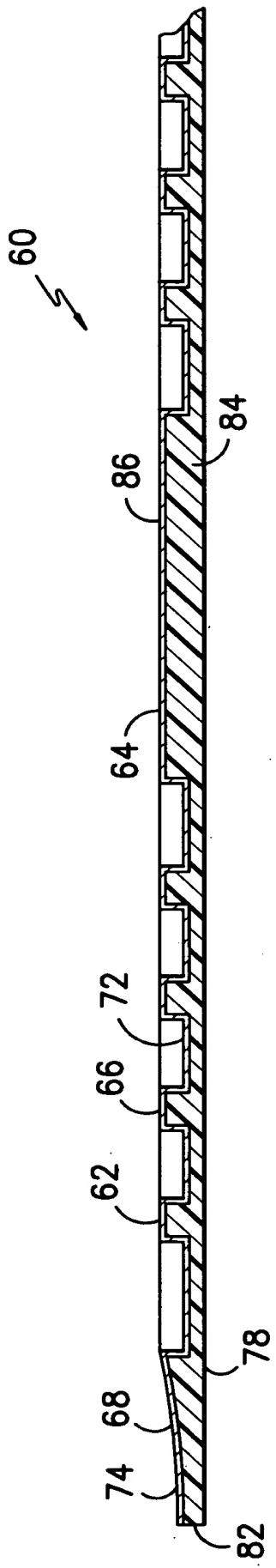


FIG. -13-

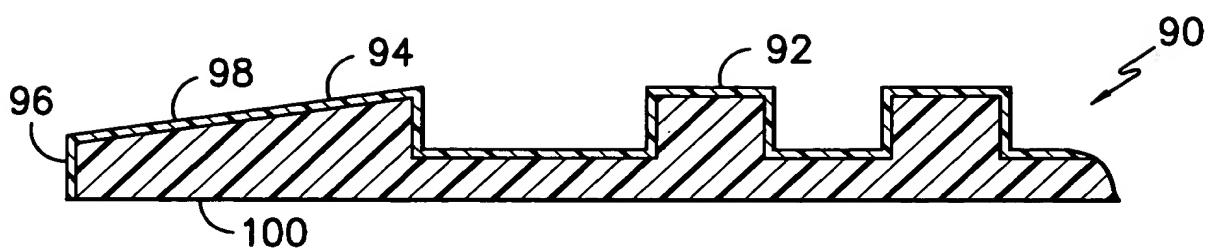


FIG. -14-

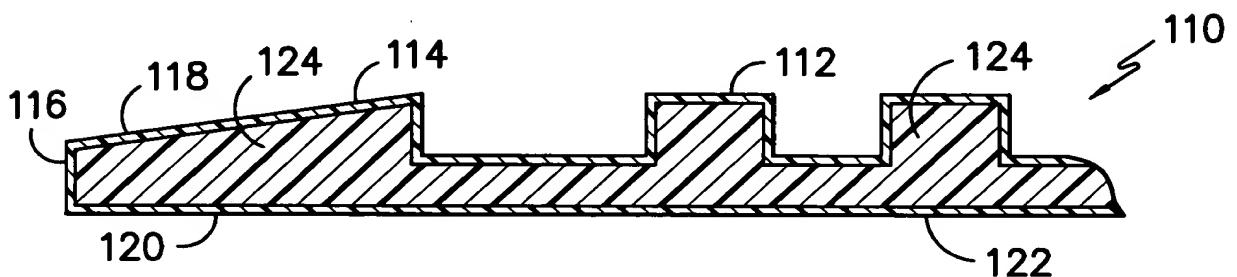


FIG. -15-

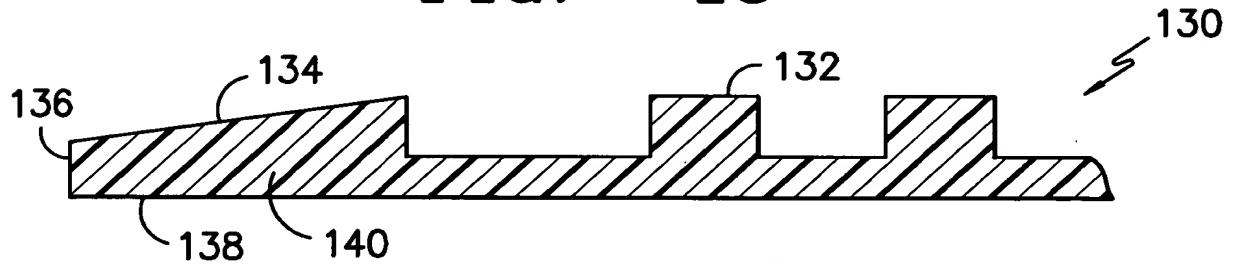


FIG. -16-

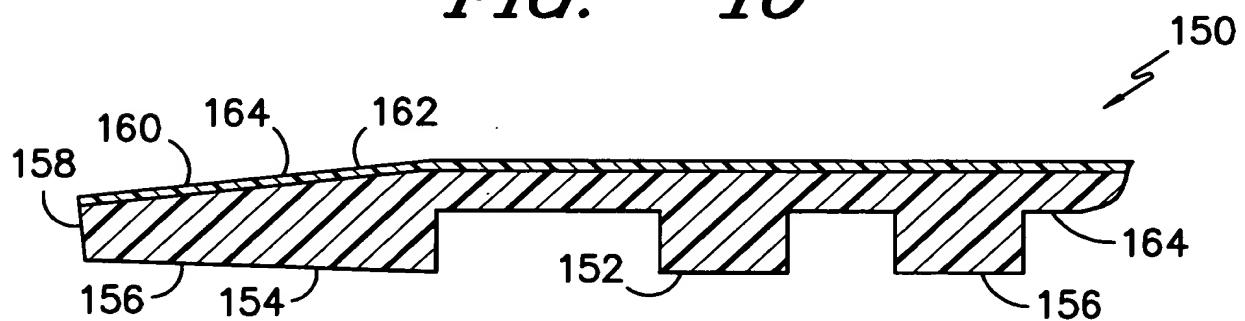


FIG. -17-

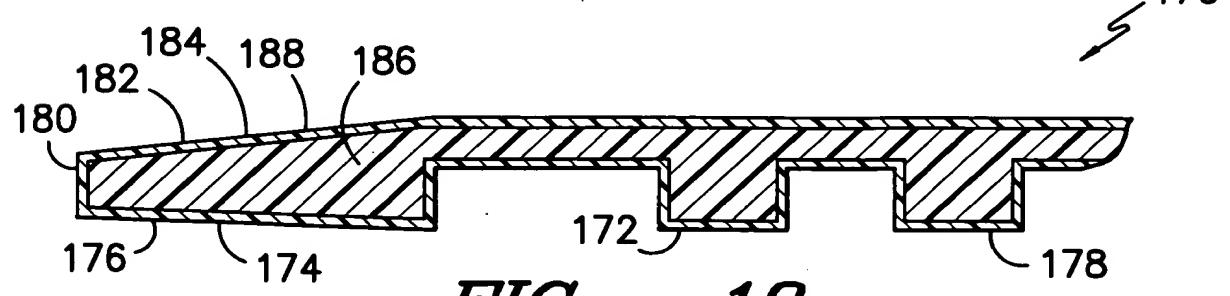


FIG. -18-

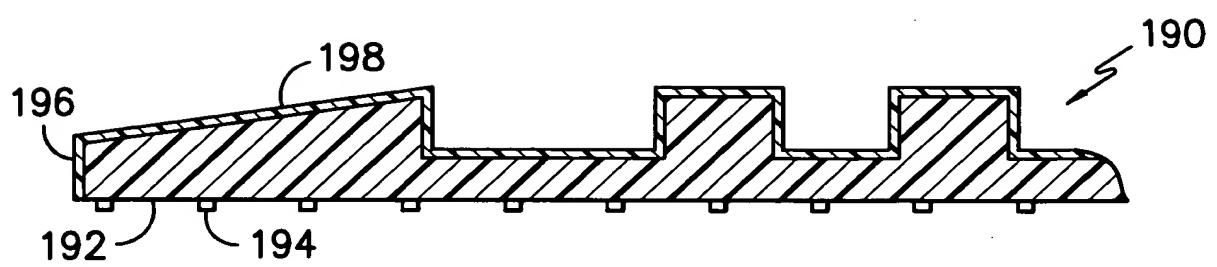


FIG. -19-

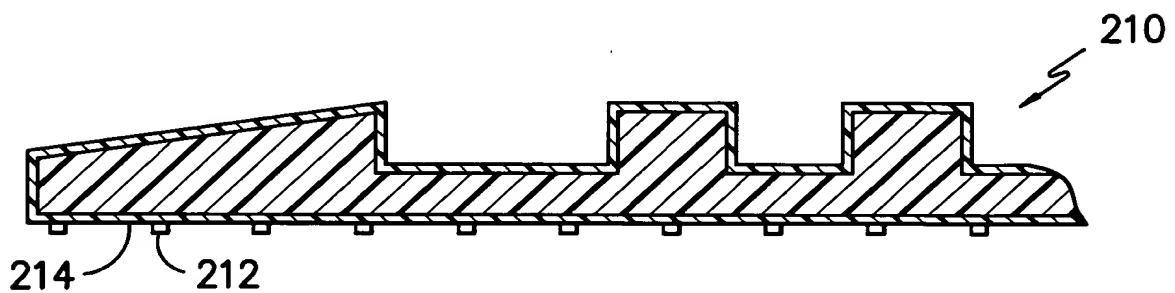


FIG. -20-

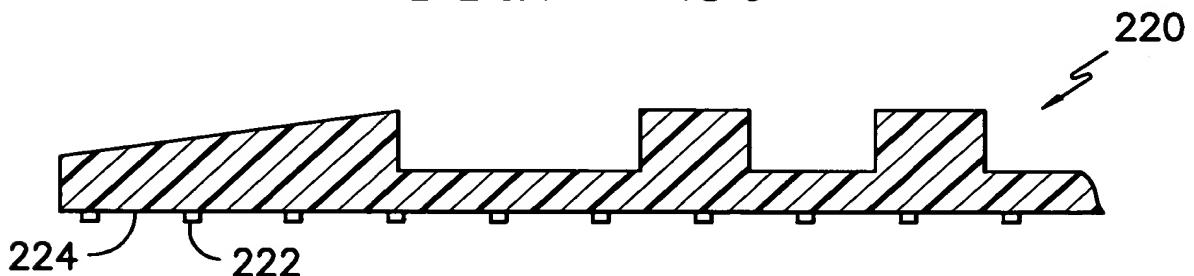


FIG. -21-

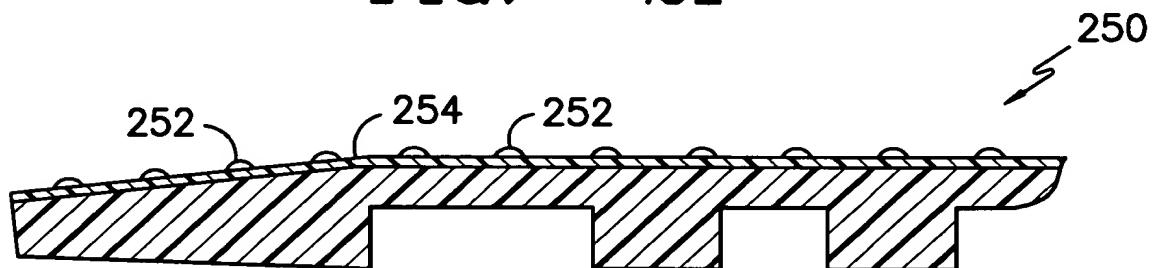


FIG. -22-

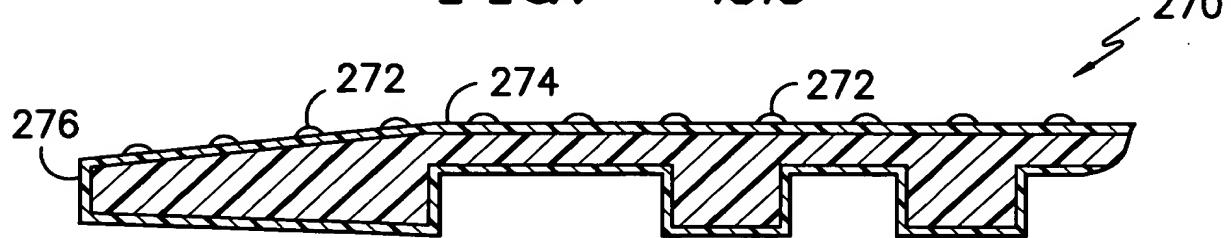


FIG. -23-

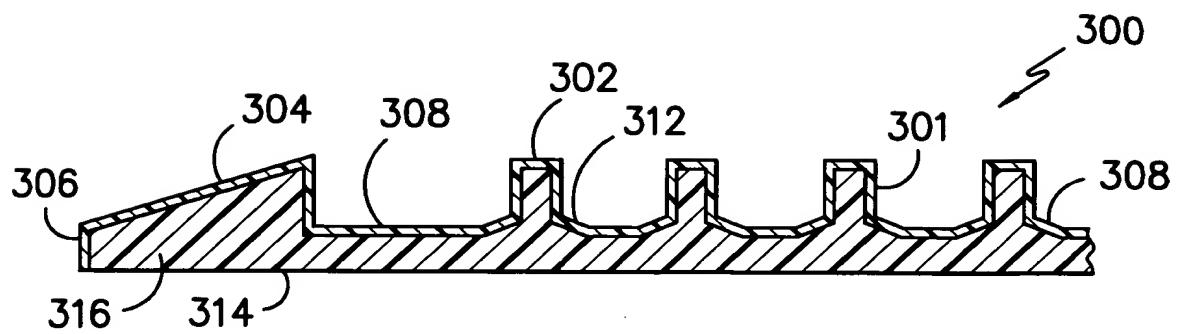


FIG. -24-

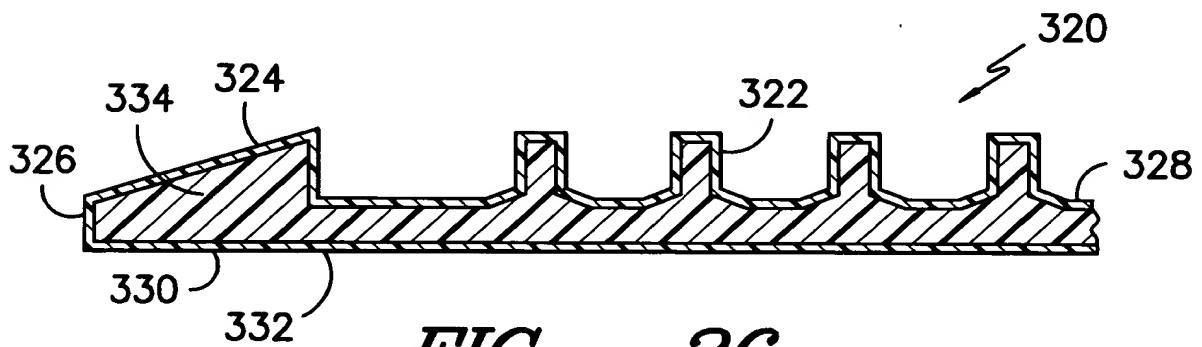


FIG. -26-

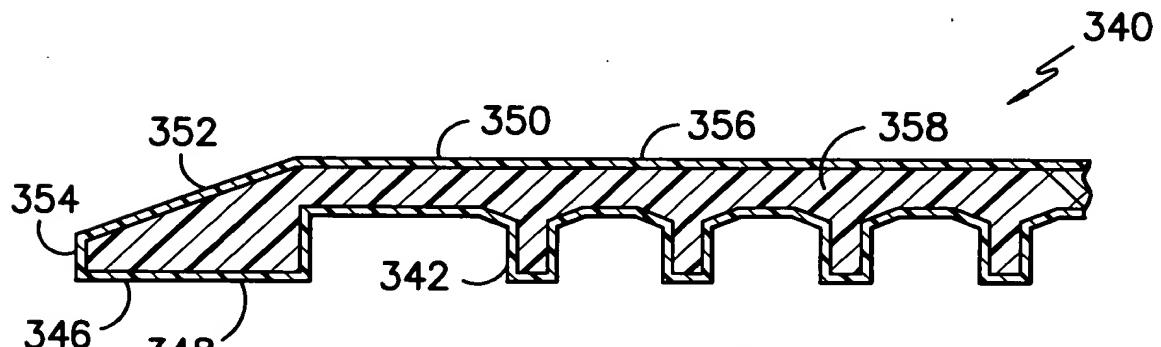


FIG. -27-

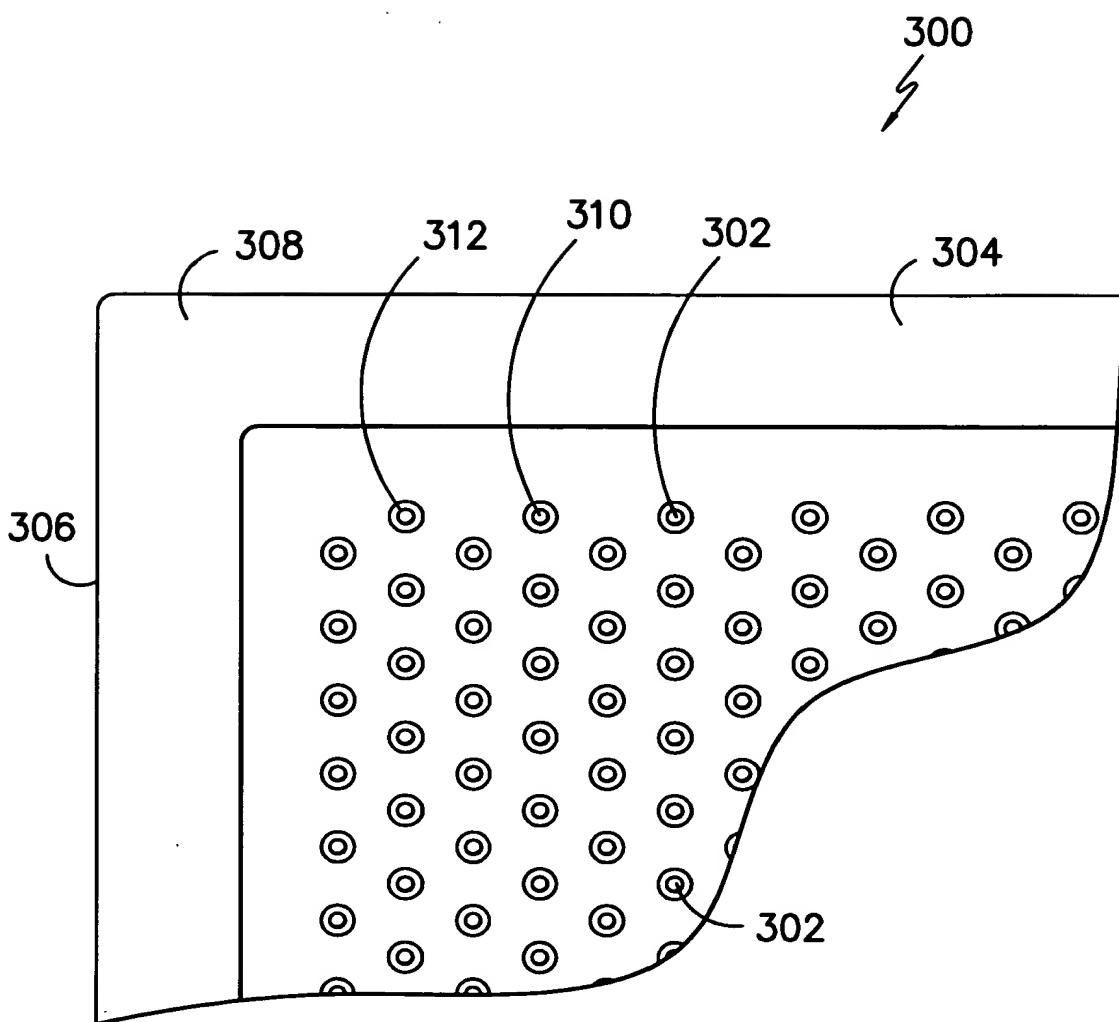


FIG. -25-

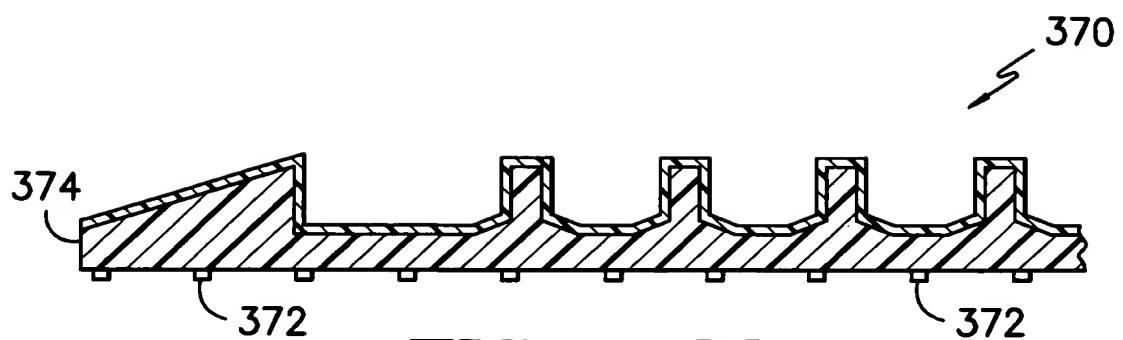


FIG. -28-

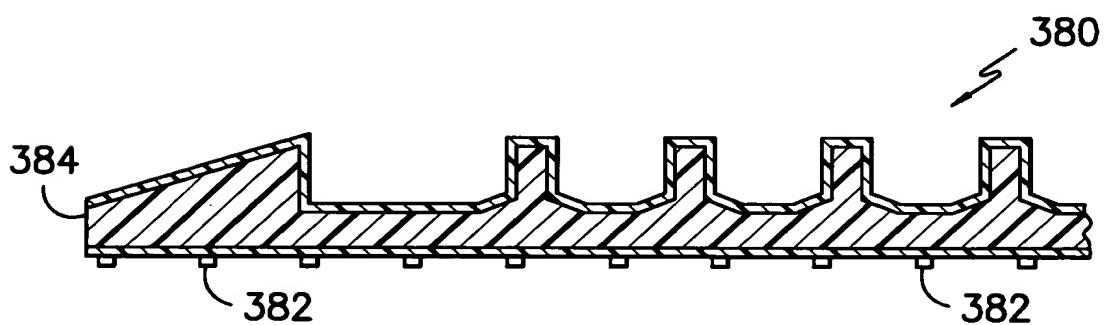


FIG. -29-

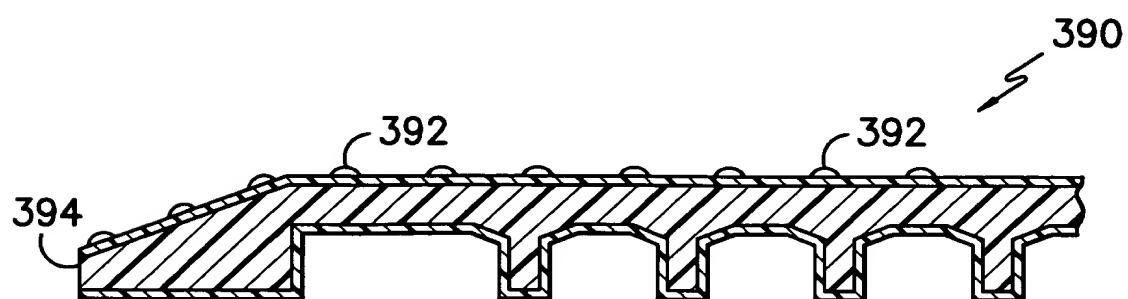


FIG. -30-

MOLDING PROCESS

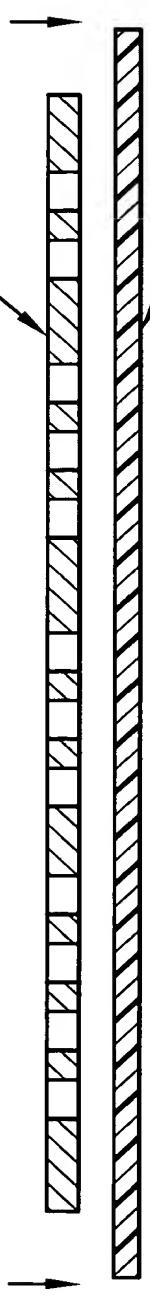
PLATE WITH HOLES
PLACED ON TOP OF
UNCURED RUBBER

1. MAT MAKE-UP

2. VULCANIZATION

3. AFTER
VULCANIZATION

FIG. -31-



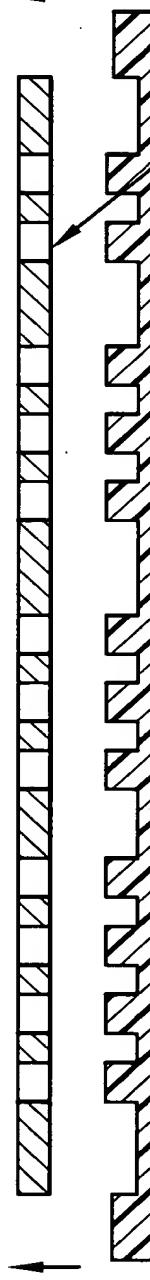
DURING
VULCANIZATION,
RUBBER FLOWS INTO
HOLES IN PLATE

FIG. -32-



AFTER
VULCANIZATION,
PLATE IS REMOVED
REVEALING MOLDED
MAT

FIG. -33-



VULCANIZED MAT
WITH MOLDED
PATTERN

BACK OF THE MAT SURFACE DETAIL

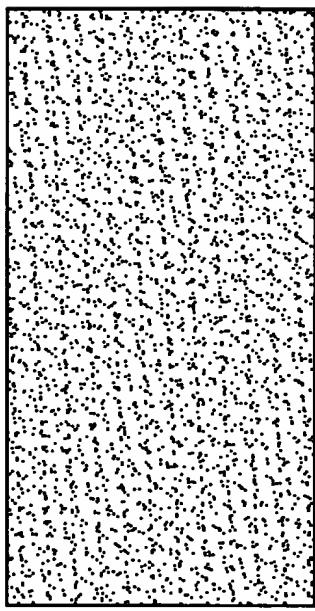


FIG. -34-

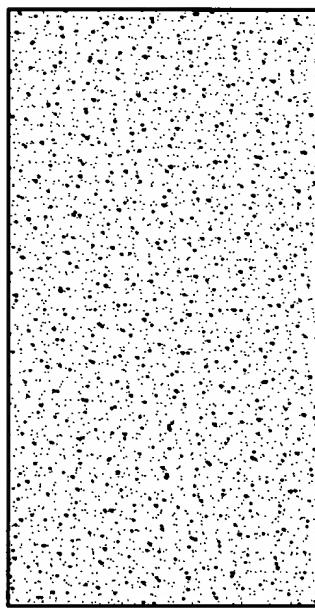


FIG. -35-

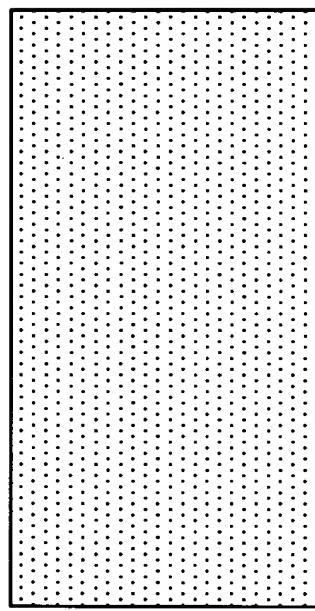


FIG. -36-

BACK OF MAT MAY
HAVE SMOOTH
TEXTURE

BACK OF MAT MAY
HAVE ROUGH
TEXTURE

BACK OF MAT MAY
HAVE GRIPPER
TEXTURE OF
SMALL RAISED
NUBS OR SIMILAR
VARIANT

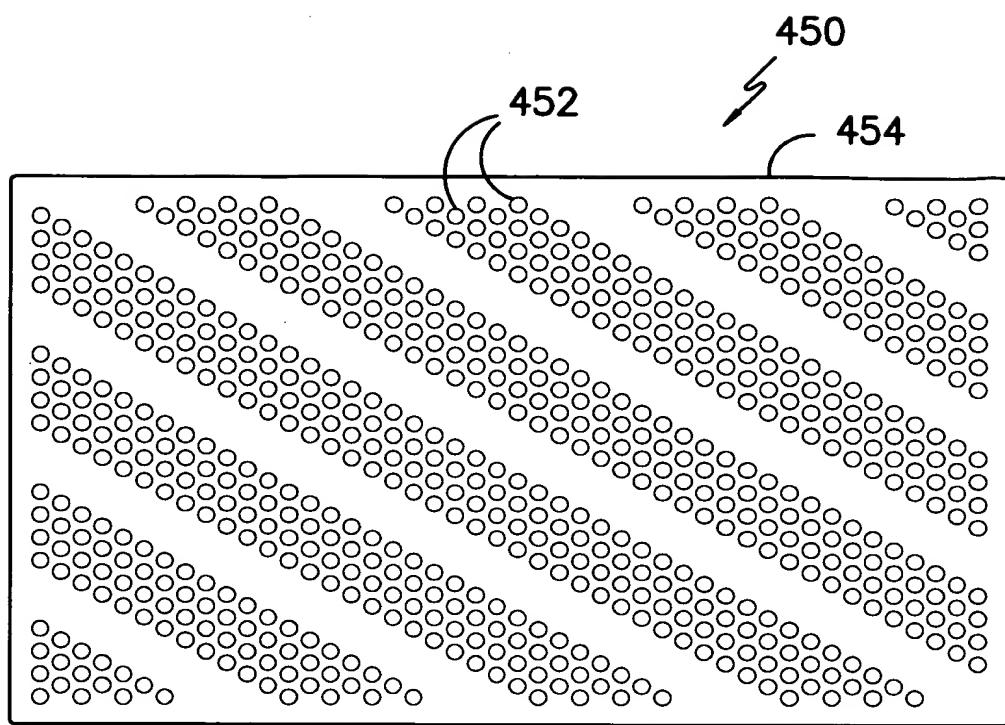


FIG. -37-

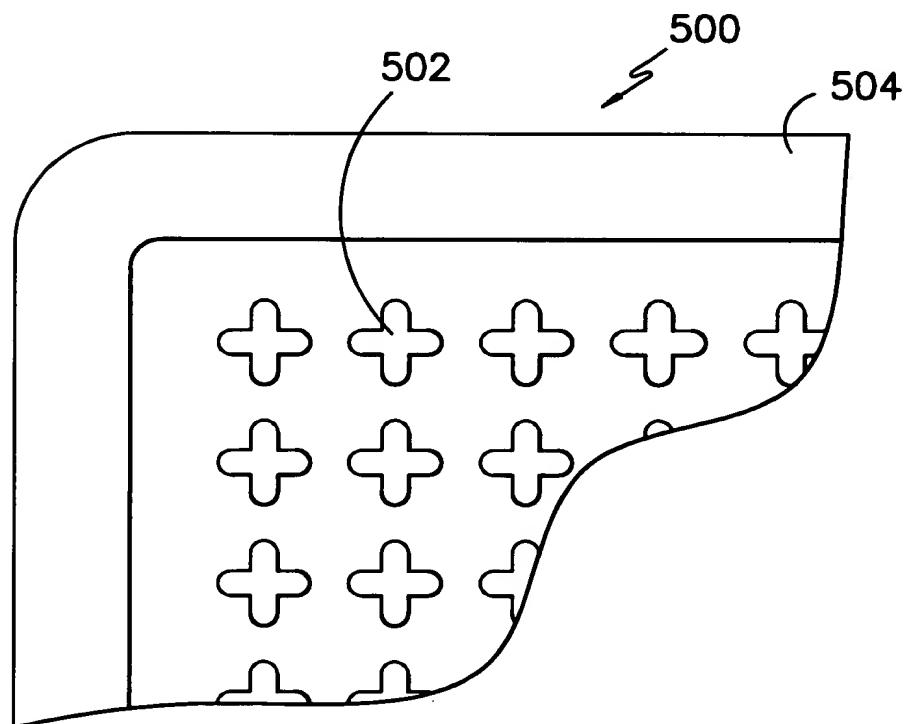


FIG. -38-

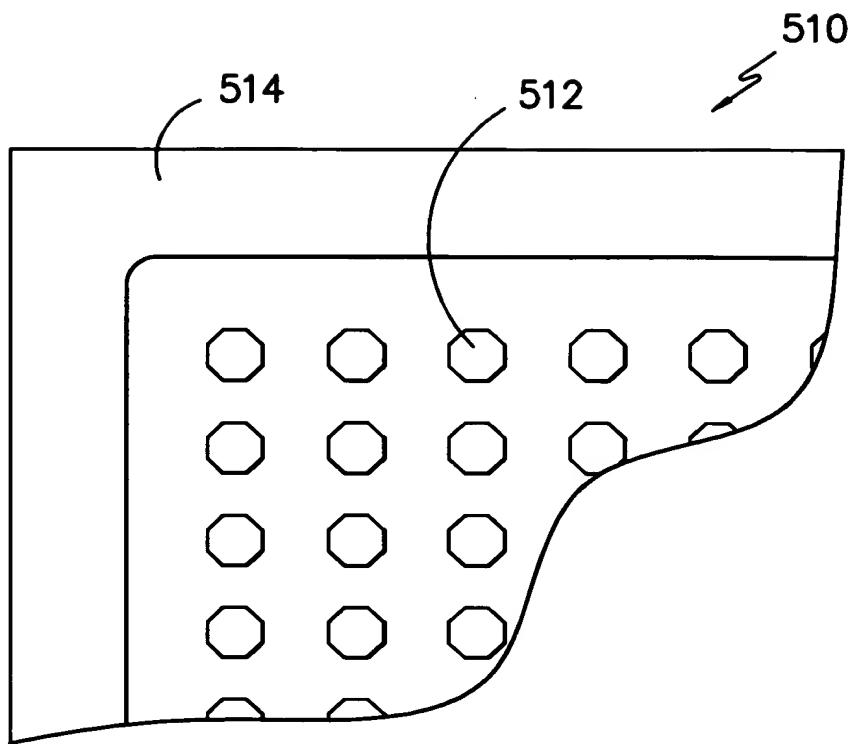


FIG. -39-

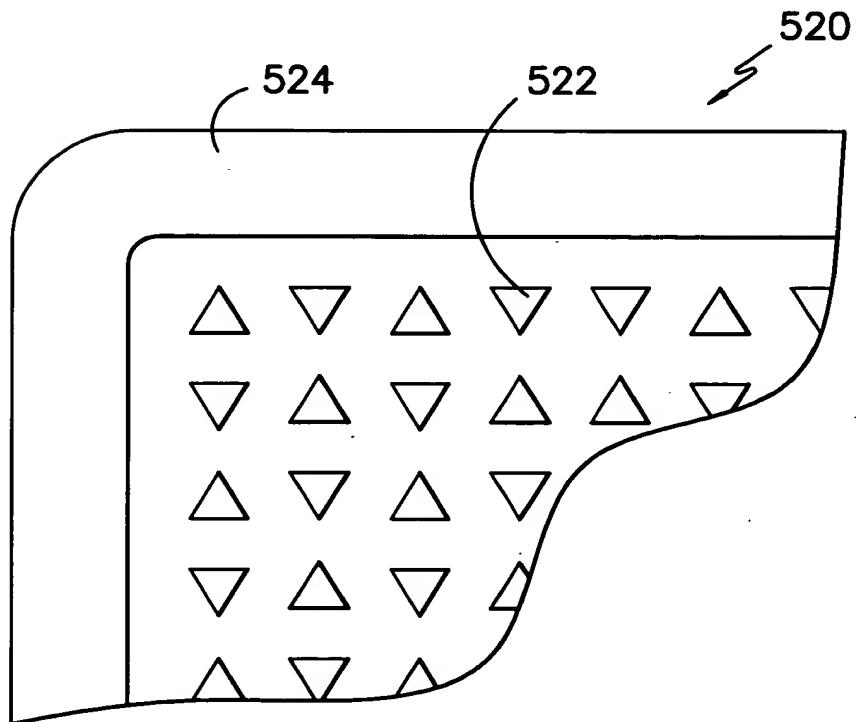


FIG. -40-

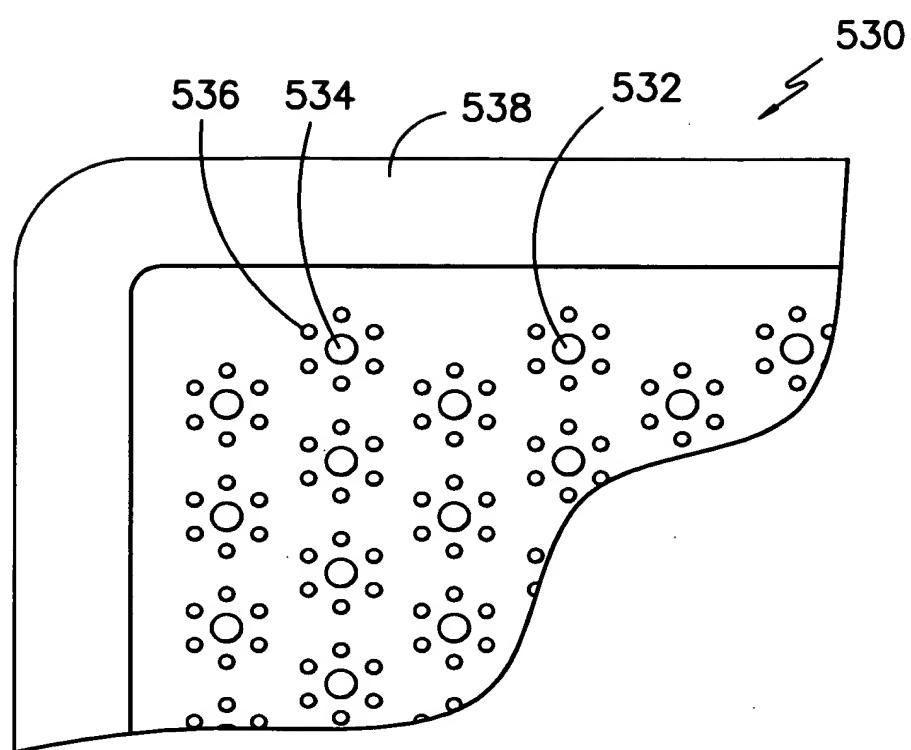


FIG. -41-

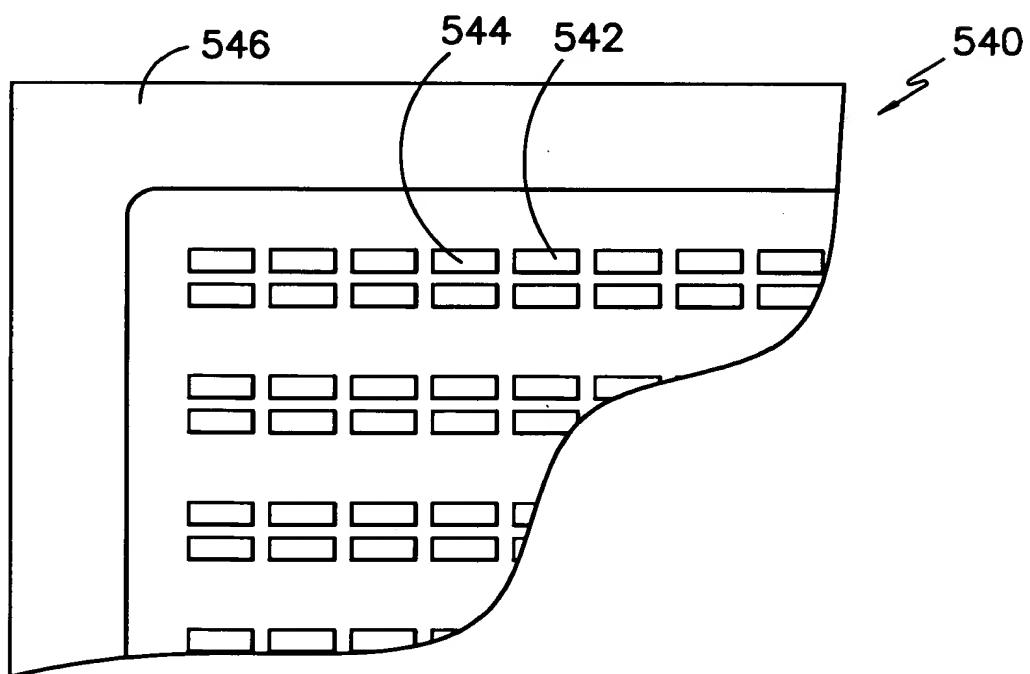


FIG. -42-

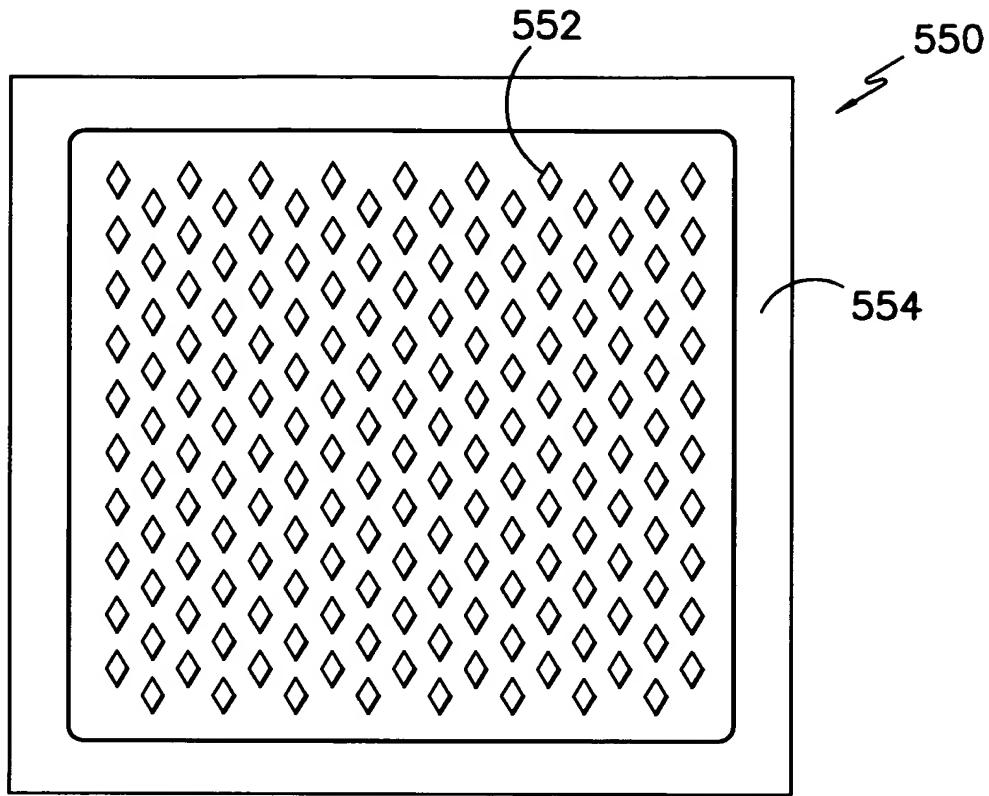


FIG. -43-

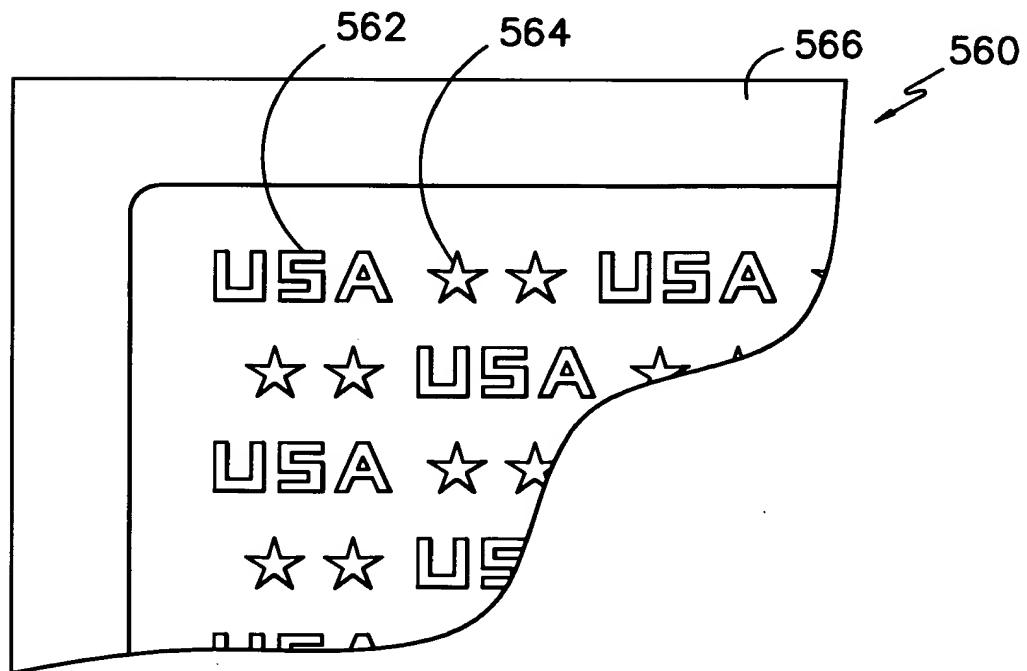


FIG. -44-

MOLDING PROCESS

1. MAT MAKE-UP

PLATE WITH HOLES PLACED ON
TOP OF UNCURED RUBBER

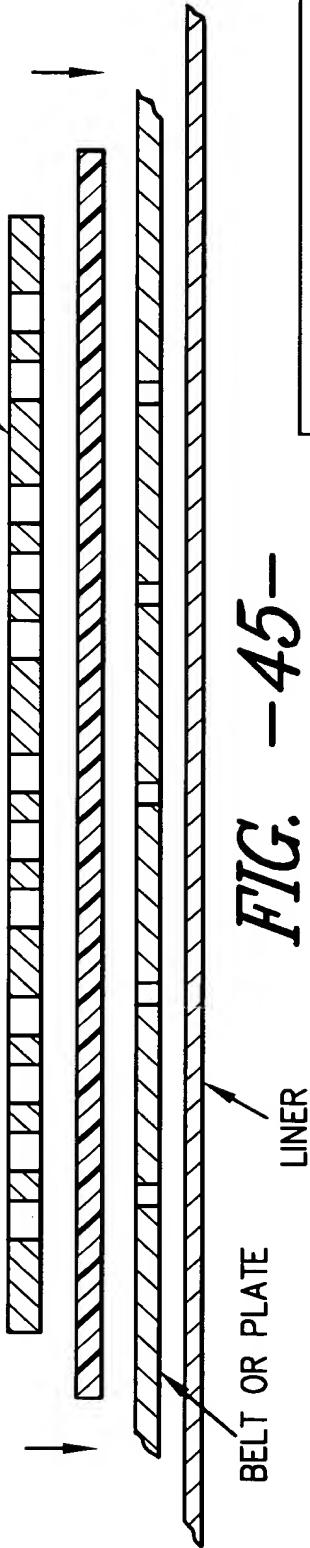


FIG. -45-

2. VULCANIZATION

DURING VULCANIZATION, RUBBER
FLOWS INTO HOLES IN PLATES



FIG. -46-

3. AFTER
VULCANIZATION

VULCANIZED MAT
WITH MOLDED
PATTERN

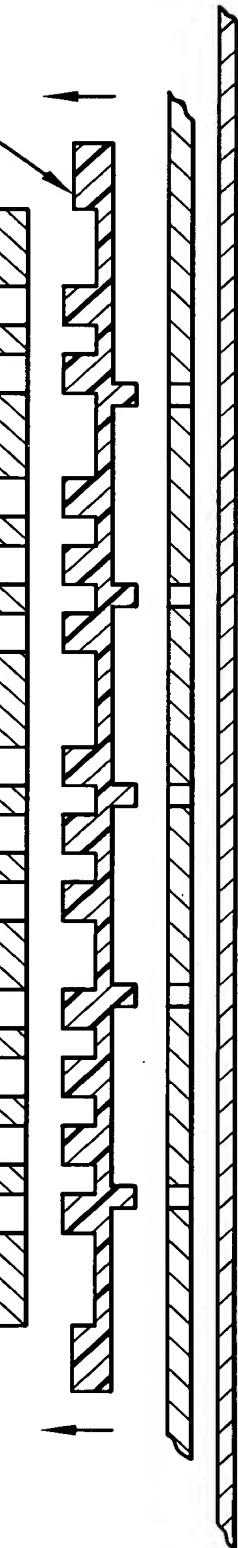


FIG. -47-